

Docket ND-363US

2

Listing of the Claims:

The following is a complete listing of all the claims in the application, with an indication of the status of each:

- 1 1 (Currently Amended). A portable telephone radio set with an interference
2 detection function to which a terminal equipment can be externally connected
3 to effect data communication therewith, comprising:
4 a warning section for ~~warning section~~ for warning radio wave
5 interference by audio or visual signals; and
6 a control circuit section for detecting interference of radio waves and
7 controlling said warning section;
8 said control circuit section reporting, when said control circuit section
9 detects a radio wave interference fault, contents of the fault to said warning
10 section so that said warning section may give a warning of radio wave
11 interference in a predetermined form in which the radio interference warning
12 is displayed includes a rate of occurrences of retransmission per unit data
13 measured during the communication based on at least one of visibility and
14 audibility.
- 1 2 (Original). A portable telephone radio set with an interference detection
2 function as claimed in claim 1, wherein said control circuit section detects a
3 radio wave interference fault in the course of a selection operation of a
4 standby channel from that at least one of loss of frame synchronization,
5 deterioration in bit error rate, unfavorable reception of broadcast information
6 and interruption of radio waves occurs in either one of conditions of out-of-
7 zone indication and abandonment of the pertaining channel.

Docket ND-363US

3

1 3 (Original). A portable telephone radio set with an interference detection as
2 claimed in claim 1, wherein said control circuit section detects a radio wave
3 interference fault in the course of a zone switching operation which is caused
4 by the presence of a channel having a higher reception level than that of the
5 channel being waited from that at least one of loss of frame synchronization,
6 deterioration in bit error rate, unfavorable reception of broadcast information
7 and interruption of radio waves occurs in a condition of abandonment of the
8 pertaining channel.

1 4 (Currently Amended). A portable telephone radio set with an interference
2 detection function as claimed in claim 1, wherein said control circuit detects a
3 radio wave interference fault during communication from that a level value
4 detected when the level of each perch channels channel other than a peripheral
5 perch channel designated from a base station is measured is higher than a
6 predetermined threshold value.

1 5 (Currently Amended). A portable telephone radio set with an interference
2 detection function as claimed in claim 1, wherein said control circuit section
3 detects a radio wave interference fault during communication ~~from that~~, when
4 the channel is switched to a channel of a level lower than the level of the
5 channel which has been used for communication ~~till~~ until then, ~~it is a~~ the cause
6 of the channel switching that being at least one of loss of frame
7 synchronization, deterioration in bit error rate, and interruption of radio waves
8 occurs.

1 6 (Currently Amended). A portable telephone radio set with an interference
2 detection function as claimed in claim 1, wherein the predetermined form in

Docket ND-363US

4

3 which the radio wave interference warning is displayed includes ~~the abandon~~
4 an abandoned channel number.

1 7 (Currently Amended). A portable telephone radio set with an interference
2 detection function as claimed in claim 1, wherein the predetermined form in
3 which the radio wave interference warning is displayed ~~including the~~ includes
4 a number of occurrence occurrences of retransmission per unit time measured
5 during the communication.

Please cancel claim 8.

1 8 (Canceled). A portable telephone radio set with an interference detection
2 function as claimed in claim 1, wherein the predetermined form in which the
3 radio wave interference warning is displayed includes a rate of occurrences of
4 retransmission per unit data measured during the communication.